

City of Chattanooga, TN
Personnel Class Specification

Class code 0224

FLSA: Non-Exempt

CLASSIFICATION TITLE: EQUIPMENT MECHANIC II

PURPOSE OF CLASSIFICATION

The purpose of this classification is to perform semi-skilled and skilled mechanical work in maintenance and repair of automotive, small equipment, and emergency response vehicles.

ESSENTIAL FUNCTIONS

The following duties are normal for this position. These are not to be construed as exclusive or all-inclusive. Other duties may be required and assigned.

Overhauls, adjusts, maintains, and repairs motor-driven equipment such as automobiles, trucks, fire response vehicles, police patrol vehicles, graders, tractors, sweepers, loaders, air compressors, and other related mechanical equipment.

Installs or rebuilds special accessory equipment and attachments such as lights, light brackets, and mirrors; maintains special lights and sirens on emergency response vehicles.

Performs major repairs by disassembling, replacing worn or broken parts, assembling, or rebuilding and adjusting gasoline and diesel engines, clutches, differentials, transmissions, drive trains rear and from ends, suspension systems, electrical and ignition systems, brakes, hydraulic and pneumatic equipment, cooling systems, fire pumps, exhaust and pollution control devices and accessory power equipment centrifugal pumps, mechanical fire and police equipment.

Performs minor and major tune up of electrical and fuel systems, using test equipment; may perform minor automotive servicing such as oil changes, lubrication and tire changes; participates in an on-going preventative maintenance program for City vehicles and equipment; maintains and calibrates radar units.

Troubleshoots and repairs electrical malfunctions, replaces wiring and other parts as necessary.

Inspects and changes tires and rims of various sizes; repairs and/or changes tire chains during winter season.

May drive wrecker to make on-site emergency road maintenance repairs, and retrieve incapacitated vehicles.

Performs welding, cutting, and modifying equipment and vehicle body parts, and fabricating of parts as directed.

Repairs both small equipment such as chain saws, lawn mowers, weed eaters, and others; may repair heavy equipment such as low-boy trailers, cement mixers, asphalt boilers, bulldozers, and front end loaders.

Operates equipment as necessary to ensure proper functioning.

Cleans and maintains shop area; inventories daily fuel usage; may supervise work of high school students.

ADDITIONAL FUNCTIONS

Performs other related duties as required.

MINIMUM QUALIFICATIONS

High school diploma or GED; supplemented by vocational/technical training in Equipment and/or Automotive Mechanics; supplemented by one (1) to two (2) years previous experience and/or training involving repair and maintenance of light and heavy equipment, automobiles, and service and emergency vehicles; or any equivalent combination of education, training, and experience which provides the requisite knowledge, skills, and abilities for this job. Must possess and maintain a valid Tennessee driver's license or Tennessee Commercial Driver's License (CDL) including appropriate endorsement(s).

PERFORMANCE APTITUDES

Data Utilization: Requires the ability to review, classify, categorize, prioritize, and/or analyze data. Includes exercising discretion in determining data classification, and in referencing such analysis to established standards for the purpose of recognizing actual or probable interactive effects and relationships.

Human Interaction: Requires the ability to exchange information for the purpose of clarifying details within well established policies, procedures and standards.

Equipment, Machinery, Tools, and Materials Utilization: Requires the ability to overhaul, restore, renovate, construct, and/or rebuild equipment, machinery, or objects, requiring adherence to prescribed standards and specifications. Requires the ability to operate and control the actions of the same equipment, machinery, and/or objects.

Verbal Aptitude: Requires the ability to utilize a wide variety of reference, descriptive, and/or advisory data and information.

Mathematical Aptitude: Requires the ability to perform addition, subtraction, multiplication, and division; the ability to calculate decimals and percentages; the ability to utilize principles of fractions; and the ability to interpret graphs.

Functional Reasoning: Requires the ability to apply principles of rational systems; to interpret instructions furnished in written, oral, diagrammatic, or schedule form; and to exercise independent judgment to adopt or modify methods and standards to meet variations in assigned objectives.

Situational Reasoning: Requires the ability to exercise judgment, decisiveness and creativity in situations involving the evaluation of information against sensory, judgmental, or subjective criteria, as opposed to that which is clearly measurable or verifiable.

ADA COMPLIANCE

Physical Ability: Tasks require the regular and sustained performance of moderately physically demanding work, typically involving some combination of climbing and balancing, stooping, kneeling, crouching, and crawling, and that generally involves lifting, carrying, pushing, and/or pulling of moderately heavy objects and materials (20-50 pounds).

Sensory Requirements: Some tasks require the ability to perceive and discriminate colors or shades of colors, sounds, depth, texture, and visual cues or signals. Some tasks require the ability to communicate orally.

Environmental Factors: Performance of essential functions may require exposure to adverse environmental conditions, such as grease, wetness, rain, temperature and noise extremes, machinery, vibrations, electric currents, traffic hazards, or toxic agents.

Chattanooga, Tennessee, is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the City will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.